

CLAIM AMENDMENTS

Claim 1. (currently amended) A tube-formed rock bore hole stabilizing bolt ~~Tube-formed rock bolt for stabilizing bore holes drilled in conjunction with rock drilling operations, said tube-formed rock bolt~~ comprising an elongated tube (1) having an outer surface, which in a cross section has a peripheral length which exceeds a peripheral length of a circle having a diameter being equal to a largest transverse dimension of said tube, two end closures (2, 3) on said tube and a passage (4) at one of said end closures (2, 3) for pressurisation of a room (5) surrounded by said tube (1) for expansion of said tube against a rock bore hole, characterized thereby that said tube (1) has a varying material thickness in a peripheral direction when measured perpendicularly to the outer surface of the tube.

Claim 2. (currently amended) The rock bore hole stabilizing ~~Tube-formed rock~~ bolt according to claim 1, characterized thereby that said tube (1) is manufactured by means of extrusion.

Claim 3. (currently amended) The rock bore hole stabilizing ~~Tube-formed rock~~ bolt according to claim 1, characterized in that said tube (1) comprises an aluminum based material.

Claim 4. (currently amended) The rock bore hole stabilizing ~~Tube-formed rock~~ bolt according to claim 1, characterized in that

said tube (1) is symmetrical about two longitudinal sections (6, 7) which are perpendicular relative to each other.

Claim 5. (currently amended) The rock bore hole stabilizing
~~Tube-formed rock~~ bolt according to claim 1, characterized in that said tube (1) comprises a plurality of substantially triangularly formed stiff parts (8) and intermediate U-shaped deformation parts (9).

Claim 6. (currently amended) The rock bore hole stabilizing
~~Tube-formed rock~~ bolt according to claim 2, characterized in that said tube (1) comprises an aluminum-based material.

Claim 7. (currently amended) The rock bore hole stabilizing
~~Tube-formed rock~~ bolt according to claim 2, characterized in that said tube (1) is symmetrical about two longitudinal sections (6, 7) which are perpendicular relative to each other.

Claim 8. (currently amended) The rock bore hole stabilizing
~~Tube-formed rock~~ bolt according to claim 3, characterized in that said tube (1) is symmetrical about two longitudinal sections (6, 7) which are perpendicular relative to each other.

Claim 9. (currently amended) The rock bore hole stabilizing
~~Tube-formed rock~~ bolt according to claim 6, characterized in that said tube (1) is symmetrical about two longitudinal sections (6, 7) which are perpendicular relative to each other.

Claim 10. (currently amended) The rock bore hole stabilizing
~~Tube-formed rock~~ bolt according to claim 2, characterized in that
said tube (1) comprises a plurality of substantially triangularly
formed stiff parts (8) and intermediate U-shaped deformation
parts (9).

Claim 11. (currently amended) The rock bore hole stabilizing
~~Tube-formed rock~~ bolt according to claim 3, characterized in that
said tube (1) comprises a plurality of substantially triangularly
formed stiff parts (8) and intermediate U-shaped deformation
parts (9).

Claim 12. (currently amended) The rock bore hole stabilizing
~~Tube-formed rock~~ bolt according to claim 6, characterized in that
said tube (1) comprises a plurality of substantially triangularly
formed stiff parts (8) and intermediate U-shaped deformation
parts (9).

Claim 13. (new) A method for stabilizing bore holes drilled
in conjunction with rock drilling operations, the steps of said
method comprising:

inserting a tube-formed rock bolt in a bore hole, said
tube-formed rock bolt comprising an elongated tube (1) having an
outer surface which in a cross section has a peripheral length
which exceeds a peripheral length of a circle having a diameter
being equal to a largest transverse dimension of said tube, two

end closures (2, 3) on said tube and a passage (4) at one of said end closures (2, 3) for pressurisation of a room (5) surrounded by said tube (1) for expansion of said tube against said bore hole, said tube (1) having a varying material thickness in a peripheral direction when measured perpendicularly to the outer surface of the tube.

Claim 14. (new) The method as claimed in Claim 13, further including the step of manufacturing said tube (1) by means of extrusion.

Claim 15. (new) The method as claimed in Claim 13, further including the step of forming said tube (1), at least in part, from an aluminum based material.

Claim 16. (new) The method as claimed in Claim 13, further including the step of forming said tube (1) symmetrically about two longitudinal sections (6, 7) which are perpendicular relative to each other.

Claim 17. (new) The method as claimed in Claim 13, further including the step of forming said tube (1), at least in part, from a plurality of substantially triangularly formed stiff parts (8) and intermediate U-shaped deformation parts (9).